


Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**



~~DEC 18 2003~~

Technology Center 2100

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet	1	of	3
-------	---	----	---

Application Number	09/599,086
Filing Date	Jun 21, 2000
First Named Inventor	Westreich
Group Art Unit	2127
Examiner Name	FOLLANSBEE, JOHN A
Attorney Docket Number	MS1-562US

[illegible][illegible]

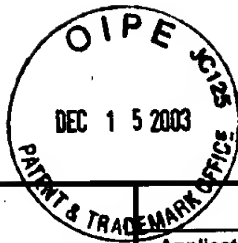
Don Berry

5-13-00

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

Please type a plus sign (+) inside this box → ☐



RECEIVED
DEC 18 2003
Technology Center 2100

Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	09/599,086
				Filing Date	Jun 21, 2000
				First Named Inventor	Westreich
				Group Art Unit	2127
				Examiner Name	FOLLANSBEE, JOHN A
Sheet	2	of	3	Attorney Docket Number	MS1-562US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
D6B		RICHARD SCOTT HALL, "Agent-based Software Configuration and Deployment," Thesis of University of Colorado, Online, 31 December 1999, retrieved from the Internet on 11/07/2003: <http://www.cs.colorado.edu/users/rickhall/documents/ThesisFinal.pdf>, 169 pages.	
		ARTHUR VAN HOFF et al., "The Open Software Description Format," Online, 13 August 1997, retrieved from the Internet on 11/7/2003: <http://www.w3.org/TR/NOTE-OSD>, 11 pages.	
		NETSCAPE COMMUNICATIONS CORP., "SmartUpdate Developer's Guide," Online, 11 March 1999, retrieved from the Internet on 12/08/2000: <http://developer.netscape.com:80/docs/manuals/communicator/jarman/index.htm>, 83 pages.	
		SARA WILLIAMS and CHARLIE KINDEL, "The Component Object Model: A Technical Overview," October 1994, Microsoft Corp., pp. 1-14.	
		VARLAMIS et al., "Bridging XML-Schema and relational databases. A system for generating and manipulating relational databases using valid XML documents," DocEng '01, Nov. 9-10, 2001, Copyright 2001, ACM 1-58113-432-0/01/0011, pages 105-114.	
		HARDY et al., "Mapping and Displaying Structural Transformations between XML and PDF," DocEng '02, Nov. 8-9, 2002, Copyright 2002, ACM 1-58113-594-7/02/0011, pages 95-102.	
		KIM et al., "Immediate and Partial Validation Mechanism for the Conflict Resolution of Update Operations in XML Databases," WAIM 2002, LNCS 2419, 2002, pages 387-396, Springer-Verlag Berlin Heidelberg 2002.	
		CHUANG, T., "Generic Validation of Structural Content with Parametric Modules," ICFP '01, Sept. 3-5, 2001, Copyright 2001, ACM 1-58113-415-0/01/0009, pages 98-109.	
		CHEN et al., "Designing Valid XML Views," ER 2002, LNCS 2503, 2002, Springer-Verlag Berlin Heidelberg 2002, pages 463-477.	
		CHEN et al., "XKvalidator: A Constraint Validator for XML," CIKM '02, Nov. 4-9, 2002, Copyright 2002, ACM 1-58113-492-4/02/0011, pages 446-452.	
D6B		ROGGE et al., "Validating MPEG-21 Encapsulated Functional Metadata," IEEE 2002, pages 209-212.	

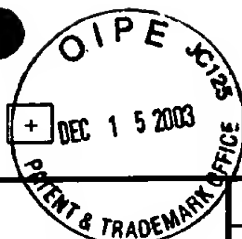
Examiner Signature		Date Considered	5-13-04
--------------------	--	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box →



+

RECEIVED

Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/599,086
		Filing Date	Jun 21, 2000
		First Named Inventor	Westreich
		Group Art Unit	2127
		Examiner Name	FOLLANSBEE, JOHN A
		Attorney Docket Number	MS1-562US
Sheet	3	of	3

DEC 18 2003

Technology Center 2100

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
PGB		NELSON, "Validation with MSXML and XML Schema," Windows Developer Magazine, Jan. 2002, pages 35-38.	
		CHIEN et al., "XML Document Versioning," SIGMOD Record, Vol. 30, No. 3, Sept. 2001, pages 46-53.	
		WONG et al., "Managing and Querying Multi-Version XML Data with Update Logging," DocEng '02, Nov. 8-9, 2002, Copyright 2002, ACM 1-58113-594-7/02/0011, pages 74-81.	
		CHIEN et al., "Efficient schemes for managing multiversionXML documents", VLDB Journal (2002), pages 332-353.	
		CHIEN et al., "Efficient Management of Multiversion Documents by Object Referencing," Proceedings of the 27th VLDB Conference, 2001, pages 291-300.	
		CHIEN et al., "Storing and Querying Multiversion XML Documents using Durable Node Numbers," IEEE 2002, pages 232-241.	
PGB		DYCK, T., "XML Spy Tops as XML Editor," http://www.eweek.com/article2/0,3959,724041,00.asp , Nov. 25, 2002, 4 pages.	


Examiner Signature		Date Considered	5-13-04
--------------------	--	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

+



Complete if Known

Application Number	09/599,086
Filing Date	Jun 21, 2000
First Named Inventor	Westreich
Group Art Unit	
Examiner Name	
Attorney Docket Number	MS1-562US

(use as many sheets as necessary)

Sheet	1	of	2	Attorney Docket Number	MS1-562US
-------	---	----	---	------------------------	-----------

[illegible]

RECEIVED
MAR 12 2003
Technology Center 2100

[illegible]

[Signature]

5-13-04

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

+

**Complete if Known**

(use as many sheets as necessary)

Sheet	1	of	3
-------	---	----	---

Application Number	09/599,086
Filing Date	Jun 21, 2000
First Named Inventor	Westreich
Group Art Unit	2126
Examiner Name	OBERLEY, ALVIN E
Attorney Docket Number	MS1-562US

U.S. PATENT DOCUMENT						
Examiner Initials*	Cite No.1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code2 (if known)			
		6,199,204		Donohue	03-06-2001	
		6,253,366		Mutschler, III	06-26-2001	
		6,327,628		Anuff et al.	12-04-2001	
		6,381,743		Mutschler, III	04-30-2002	
		5,940,075		Mutschler, III et al.	08-17-1999	
		6,151,624		Teare et al.	11-21-2000	
		6,353,926		Parthesarathy et al.	03-05-2002	
		6,393,456		Ambler et al.	05-21-2002	
		6,408,311		Baisley et al.	06-18-2002	
		6,446,110		Lection et al.	09-03-2002	
		6,519,617		Wanderski et al.	02-11-2003	
		5,764,985		Smale	06-09-1998	
		6,421,656		Cheng et al.	07-16-2002	
		6,349,408		Smith	02-19-2002	
		6,014,135		Fernandes	01-11-2000	
		6,078,327		Liman et al.	06-20-2000	
		5,911,776		Guck	06-15-1999	
		6,286,033		Kishinsky et al.	09-04-2001	
		6,434,563		Pasquali et al.	08-13-2002	
		6,297,819		Furst	10-02-2001	

RECEIVED

~~MAY 08 2003~~

Technology Center 2100

[illegible]

Examiner
Signature

Date
Considered

413-04

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.



+



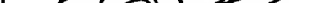
Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/599,086
				Filing Date	Jun 21, 2000
				First Named Inventor	Westreich
				Group Art Unit	2126
				Examiner Name	OBERLEY, ALVIN E
Sheet	2	of	3	Attorney Docket Number	MS1-562US

[illegible][illegible]

RECEIVED

MAY 08 2003

Technology Center 2100

Examiner Signature		Date Considered	5-13-04
-----------------------	---	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**



Please type a plus sign (+) inside this box → +

+



Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	09/599,086
		Filing Date	Jun 21, 2000
		First Named Inventor	Westreich
		Group Art Unit	2126
		Examiner Name	OBERLEY, ALVIN E
		Attorney Docket Number	MS1-562US
Sheet	3	of	3

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ²	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		W. BROGDEN, "Arbortext Adept 8 Editor Review," O'Reilly XML.COM, 'Online! 9/22/1999' XP002230080, retrieved from the Internet <URL:http://www.xml.com/pub/a/1999/09/adept/AdeptRvw.htm>, retrieved on 2/5/03.	
		L ALSCHULER, "A tour of XMetal" O'Reilly XML.COM, 'Online! 7/14/1999, XP002230081, retrieved from the Internet: <URL:http://www.xml.com/pub/a/SeyboldReport/ip031102.html>, retrieved on 2/5/03.	
		A. DAVIDOW, "XML Editors: Allegations of Functionality in search of reality," INTERNET, 'Online! 1999, XP002230082, retrieved from the Internet, <URL:http://www.ivritype.com/xml/>.	
		STEVEN A. BATTLE, et al., "Flexible Information Presentation with XML", 1998, The Institution of Electrical Engineers, 6 pages.	
		PAOLO CIANCARINI, et al., "Managing Complex Documents Over the WWW: A Case Study for XML", IEEE Transactions on Knowledge and Data Engineering, Vol. 11, No. 4, July/August 1999, pages 629-638.	
		HIROTAKA KANEMOTO, et al., "An Efficiently Updatable Index Scheme for Structured Documents", 1998 IEEE, pages 991-996.	
		TOMMIE USDIN, et al., "XML: Not a Silver Bullet, But a Great Pipe Wrench", Standardview Vol. 6, No. 3, September 1998, pages 125-132.	
		NETSCAPE COMMUNICATION CORPORATION: "Netscape Communicator 4.61 for OS/2 Warp" Software, 1999, The whole software release & "Netscape - Version 4.61 [en] - 010615" NETSCAPE SCREENSHOT, 2 October 2002 (2002-10-02)	
		"Netscape window" NETSCAPE SCREENSHOT, 2 October 2002 (2002-10-02)	
		JAN-HENRICK HAUKELAND: "Tsiff - tildeslash biff - - version 1.2.1" INTERNET DOCUMENT, [Online] June 1999, URL:http://web.archive.org/web/19990912001527/http://www.tildeslash.com/tsiff/	

RECEIVED

MAY 08 2003

Technology Center 2100

Examiner Signature 	Date Considered 5-13-04
-------------------------------	-----------------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

+

Please type a plus sign (+) inside this box → +

RECEIVED

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 2

Complete if Known

Application Number	09/599,086
Filing Date	Jun 21, 2000
First Named Inventor	Westreich
Group Art Unit	2173
Examiner Name	BONSHOCK, DENNIS G
Attorney Docket Number	MS1-562US

APR 14 2004

Technology Center 2100

NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DGP		CLARK, James, Ed.; "XSL Transformation (XSLT) Version 1.0", November 16, 1999, W3C (MIT, INRIA, Keio), pp. 1-156.	
DGP		CLARK, James and Steve Derosé, "XML Path Language (XPath) Version 1.0", November 16, 1999, W3C (MIT, INRIA, Keio), pp. 1-49.	
DGP		MUSGRAVE, S., "Networking technology - impact and opportunities", Survey and Statistical Computing 1996. Proceedings of the Second ASC International Conference. September 1996. pp. 369-78. London, UK.	
DGP		RAPAPORT, L., "Get more from SharePoint," Transform Magazine, vol. 11, no. 3, March 2002, pp. 13, 15.	
DGP		MCCRIGHT, J.S., "New Tool Kit to Link Groove with Microsoft SharePoint", eWeek, Enterprise News & Reviews, Ziff Davis Media Inc., July 29, 2002, 1 page.	
DGP		Provisional Application No. 60/209,713, filed 06-05-2000.	

Examiner
Signature

[Handwritten Signature]

Date
Considered

5-13-04

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.